INTERNATIONAL SEARCH REPORT

national Application No . T/GB2004/003117

| A. CLASSIF | ICATION OF SUBJECT MATTER | | | | | | | | | |
|---|--|---|------------------------|--|--|--|--|--|--|--|
| IPC 7 | A61N1/40 A61K41/00 | | | | | | | | | |
| | | | | | | | | | | |
| According to | International Patent Classification (IPC) or to both national classificat | | | | | | | | | |
| B. FIELDS | | ion and IPC | | | | | | | | |
| | cumentation searched (classification system followed by classification | n cumbolo) | | | | | | | | |
| IPC 7 | A61N A61K | i symbos) | | | | | | | | |
| | | | | | | | | | | |
| Documentat | ion searched other than minimum documentation to the extent that su | | | | | | | | | |
| | serior de la company de la com | ch documents are included in the fields sea | arched | | | | | | | |
| | | | | | | | | | | |
| Electronic da | ata base consulted during the international search (name of data base | e and, where practical, search terms used) | | | | | | | | |
| EPO-Int | ternal, INSPEC | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | C. DOCUMENTS CONSIDERED TO BE RELEVANT | | | | | | | | | |
| Category ° | Citation of document, with indication, where appropriate, of the rele | vant passages | Relevant to claim No. | | | | | | | |
| | | | | | | | | | | |
| X | WO 01/17611 A (EUROP I OF SCIENCE | AB | 1-5. | | | | | | | |
| | ;FREDRIKSSON SARAH (SE); KRIZ DAR | IO (SE)) | 9 - 11. | | | | | | | |
| | 15 March 2001 (2001-03-15) | | 13-19, | | | | | | | |
| | | | 21-24, | | | | | | | |
| | page 2, line 11 - line 14 | | 29-41 | | | | | | | |
| | page 2, line 11 - line 14 page 3, line 35 - page 4, line 7 | | | | | | | | | |
| | page 4, line 27 - line 35 | | | | | | | | | |
| | | | | | | | | | | |
| X | US 6 231 496 B1 (WILK PETER J ET | AL) | 1-3 | | | | | | | |
| | 15 May 2001 (2001-05-15) | 1 | | | | | | | | |
| 1 | column 1, line 8 - line 9 | (| | | | | | | | |
| 1 | column 1, line 55 - column 2, lin | e 2 | | | | | | | | |
| l | column 4, line 50 - column 5, lin | e 2 | | | | | | | | |
| ì | column 5, line 53 - line 56 | · | | | | | | | | |
| } | _ | / | | | | | | | | |
| ! | | ĺ | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| X Furt | her documents are listed in the continuation of box C. | Cy Coton tomb | | | | | | | | |
| | | Y Patent family members are listed in | n annex, | | | | | | | |
| ° Special ca | stegories of cited documents: | "T" later document published after the inte | rnational filling date | | | | | | | |
| 'A' docume | ent defining the general state of the art which is not | or phorny date and not in conflict with | lhe application but | | | | | | | |
| considered to be of particular relevance cited to understand the principle or theory underlying the invention. 'E' earlier document but published on or after the international cited to understand the principle or theory underlying the invention. 'Y' document of particular relevances the delegant invention. | | | | | | | | | | |
| i illing c | tate ant which may throw doubts on priority claim(s) or | 'X' document of particular relevance; the c cannot be considered novel or cannot | be considered to | | | | | | | |
| which is cited to establish the publication date of another | | | | | | | | | | |
| *O* docum | citation or other special reason (as specified) Odocument of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu- | | | | | | | | | |
| 4 | other means | | | | | | | | | |
| iatert | | "&" document member of the same patent | amily | | | | | | | |
| Date of the | actual completion of the international search | Date of mailing of the international sea | rch report | | | | | | | |
| | | | | | | | | | | |
|] 3 | September 2004 | 13/09/2004 | | | | | | | | |
| Name and | mailing address of the ISA | Authorized officer | | | | | | | | |
| f | European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk | | | | | | | | | |
| 1 | Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, | Petter, E | | | | | | | | |
| I . | Fax: (+31-70) 340-3016 | ו פינפו, ב | | | | | | | | |

1

INTERNATIONAL SEARCH REPORT

mational Application No

| | ation) DOCUMENTS CONSIDERED TO BE RELEVANT | |
|------------|---|-----------------------|
| Category ° | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| X | HALBREICH A ET AL: "Damage to the protein synthesizing apparatus in mouse liver in vivo by magnetocytolysis in the presence of hepatospecific magnetic nanoparticles" JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS, ELSEVIER, AMSTERDAM, NL, vol. 248, no. 2, July 2002 (2002-07), pages 276-285, XP004371011 ISSN: 0304-8853 the whole document | 1-4,29, 34-36 |
| A | US 6 514 481 B1 (LEVY LAURENT ET AL) 4 February 2003 (2003-02-04) cited in the application column 7, line 13 - line 16 | 1,13 |
| Α | JORDAN A ET AL: "MAGNETIC FLUID HYPERTHERMIA (MFH)" SCIENTIFIC AND CLINICAL APPLICATIONS OF MAGNETIC CARRIERS, XX, XX, 1997, pages 569-595, XP000858786 the whole document | 1,13,29 |
| A | US 5 067 952 A (AKHALAYA MIKAIL G ET AL) 26 November 1991 (1991-11-26) column 6, line 3 - column 9, line 48 | 1-3,29, 34-36,38 |
| Α | US 5 236 410 A (GRANOV DMITRY A ET AL) 17 August 1993 (1993-08-17) column 3, line 28 - column 4, line 21 column 5, line 15 - line 61 | 1-3,29, 33-36 |
| A | JORDAN A ET AL: "Presentation of a new magnetic field therapy system for the treatment of human solid tumors with magnetic fluid hyperthermia" JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 225, no. 1-2, 2001, pages 118-126, XP004234933 ISSN: 0304-8853 Section 3. | 1,13,29 |

INTERNATIONAL SEARCH REPORT

ational Application No
. . . /GB2004/003117

| Patent document cited in search report | | Publication date | | Patent family member(s) | | Publication date |
|--|----|---------------------|------|----------------------------|-----|------------------|
| WO 0117611 | Α | 15-03-2001 | AT | 263233 | T | 15-04-2004 |
| | | | AU | 7465700 | | 10-04-2001 |
| | | | AU | 762598 | B2 | 26-06-2003 |
| | | | AU | 7466700 | Α | 10-04-2001 |
| | | | BR | 0013791 | | 14-05-2002 |
| | | | BR | 0013882 | | 02-07-2002 |
| | | | CA | 2382434 | | 15-03-2001 |
| | | | CA | 2383465 | | 15-03-2001 |
| | | | DE | 60009547 | | 06-05-2004 |
| | | | DK | 1234018 | | 19-07-2004 |
| | | | EP | 1214119 | | 19-06-2002 |
| | | | EP | 1234018 | | 28-08-2002 |
| | | | JP | 2003508173 | | 04-03-2003 |
| | | | JP | 2003509019 | | 11-03-2003 |
| | | | NO | 20020923 | | 02-05-2002 |
| | | | PL | 353798 | | 01-12-2003 |
| | | | WO | 0117611 | | 15-03-2001 |
| | | | WO | 0118168 | | 15-03-2001 |
| | | | US | 6739342 | B1 | 25-05-2004 |
| US 6231496 | B1 | 15-05-2001 | ΑU | 5788300 | | 22-01-2001 |
| | | | WO | 0101883 | A1 | 11-01-2001 |
| US 6514481 | B1 | 04-02-2003 | AU | 4305101 | . A | 04-06-2001 |
| | | | WO | 0137721 | | 31-05-2001 |
| US 5067952 | Α | 26-11-1991 | US | 5203782 | 2 A | 20-04-1993 |
| US 5236410 | A | 17-08-1993 | NONE | | | |